



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

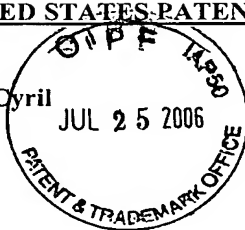
IN RE APPLICATION: DELATTRE, Cyril

GROUP ART UNIT: TBA

SERIAL NUMBER: 10/577,274

EXAMINER: TBA

FILED: April 26, 2006



FOR: **WORK DEVICE COMPRISING BORDERED WORK ZONES, ON-CHIP LABORATORY AND MICROSYSTEM**

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. 1.97

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Applicant(s) wish to disclose the following information.

REFERENCES

- ☒ The Applicant(s) wish to make of record the references listed on the attached PTO/ SB/08. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- ☐ A check is attached in the amount required under 37 CFR § 1.17(p).

RELATED CASES

- ☐ Attached is a list of applicant's pending applications or issued patents which may be related to the present application. A copy of the patent(s) is attached along with PTO/ SB/08.
- ☐ A check is attached in the amount required under 37 CFR § 1.17(p).

CERTIFICATION

The undersigned certifies that

- ☐ each item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ no item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR § 1.56(c) more than three months prior to the filing of this statement.

PETITION

- ☐ Applicant(s) hereby request consideration of the attached information. A check is attached in the amount of the Petition fee required under 37 CFR § 1.17(i)(1).

DEPOSIT ACCOUNT

- Please charge any additional fees for the papers being filed herewith and for which no check is enclosed herewith, or credit any overpayment to deposit account No. 50-0911. A duplicate copy of this sheet is enclosed.

Respectfully submitted,



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Date: July 25, 2006



PTO/SB/08a/b (05-03)

Approved for use through 05/31/2003. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

|       |   |    |   |                        |           |
|-------|---|----|---|------------------------|-----------|
| Sheet | 1 | of | 2 | Attorney Docket Number | 10404.041 |
|-------|---|----|---|------------------------|-----------|

**Complete if Known**

|                        |                 |
|------------------------|-----------------|
| Application Number     | 10/577,274      |
| Filing Date            | April 26, 2006  |
| First Named Inventor   | DELATTRE, Cyril |
| Art Unit               | TBA             |
| Examiner Name          | TBA             |
| Attorney Docket Number | 10404.041       |

**U.S. PATENT DOCUMENTS**

| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | Document Number                          | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |
|-----------------------|--------------------------|------------------------------------------|--------------------------------|----------------------------------------------------|---------------------------------------------------------------------------------|
|                       |                          | Number-Kind Code <sup>2</sup> (if known) |                                |                                                    |                                                                                 |
|                       | AA                       | 6,040,193                                | 03/21/2000                     | WINKLER, ET AL.                                    |                                                                                 |
|                       | AB                       | 2004/0219547                             | 11/04/2004                     | FREY, ET AL.                                       |                                                                                 |
|                       | AC                       | 2004/0039116                             | 02/26/2004                     | VINET, ET AL.                                      |                                                                                 |
|                       | AD                       | 5,489,653                                | 02/06/1996                     | CHARLES, ET AL.                                    |                                                                                 |
|                       | AE                       | 6,210,894                                | 04/03/2001                     | BRENNAN                                            |                                                                                 |

**FOREIGN PATENT DOCUMENTS**

| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | Foreign Patent Document                                                           | Publication<br>Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document                   | Pages, Columns, Lines,<br>Where Relevant Passages<br>or Relevant Figures Appear | T <sup>6</sup> |
|-----------------------|--------------------------|-----------------------------------------------------------------------------------|-----------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------------------|----------------|
|                       |                          | Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known) |                                   |                                                                      |                                                                                 |                |
|                       | BA                       | WO 02-16023                                                                       | 02/28/2002                        | PROTOGENE<br>LABORATORIES, INC.                                      |                                                                                 |                |
|                       | BB                       | WO 99/03684                                                                       | 01/28/1999                        | CAMBRIDGE SENSORS<br>LIMITED                                         |                                                                                 |                |
|                       | BC                       | WO 00/36145                                                                       | 06/22/2000                        | COMMISSARIAT A<br>L'ENERGIE ATOMIQUE                                 |                                                                                 |                |
|                       | BD                       | WO 02/090573                                                                      | 11/14/2002                        | INFINEON TECHNOLOGIES<br>AG.                                         |                                                                                 |                |
|                       | BE                       | WO 03/059518                                                                      | 07/24/2003                        | UNIVERSITY COLLEGE<br>CORK-NATIONAL<br>UNIVERSITY OF IRELAND<br>CORK |                                                                                 |                |
|                       | BF                       | WO 02/41992                                                                       | 05/30/2002                        | SIEMENS<br>AKTIENGESELLSCHAFT                                        |                                                                                 |                |
|                       | BG                       | WO 03/041863                                                                      | 05/22/2003                        | TECHNISCHE<br>UNIVERSITEIT DELFT                                     |                                                                                 |                |
|                       | BE                       | FR 2 818 662                                                                      | 06/28/2002                        | COMMISSARIAT A<br>L'ENERGIE ATOMIQUE                                 |                                                                                 |                |
|                       | BF                       | EP 0 561 722                                                                      | 09/22/1993                        | BIO MERIEUX                                                          |                                                                                 |                |

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the application number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

**NON PATENT LITERATURE DOCUMENTS**

| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T <sup>2</sup> |
|-----------------------|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
|                       | CA                       | Azek, et al. "Hybridization Assay at a Disposable Electrochemical Biosensor for the Attomole Detection of Amplified Human Cytomegalovirus DNA; Analytical Biochemistry 284, pp.107-113 (2000)                                                                   |                |
|                       | CB                       | Bratten, et al. "Micromachining Sensors for Electrochemical Measurement in Subnanoliter Volumes" Analytical Chemistry, 1997 Vol. 69, No. 2, pp. 253-258 January 15, 1997                                                                                        |                |

|                       |  |                    |  |
|-----------------------|--|--------------------|--|
| Examiner<br>Signature |  | Date<br>Considered |  |
|-----------------------|--|--------------------|--|

DC:50424353.1



PTO/SB/08a/b (05-03)

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|                                                                                                                                              |   |    |   | Application Number       | 10/577,274      |
|                                                                                                                                              |   |    |   | Filing Date              | April 26, 2006  |
|                                                                                                                                              |   |    |   | First Named Inventor     | DELATTRE, Cyril |
|                                                                                                                                              |   |    |   | Art Unit                 | TBA             |
|                                                                                                                                              |   |    |   | Examiner Name            | TBA             |
| Sheet                                                                                                                                        | 2 | of | 2 | Attorney Docket Number   | 10404.041       |

|    |                                                                                                                                                                                                                                               |  |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| CC | Jansen, et al. " The Black Silicon Method: A Universal Method for Determining the Parameter Setting of a Flourine-Based Reactive Ion Etcher in Deep Silicon Trench Etching with Profile Control" J. Micromech. Microeng. 5 pp. 115-120 (1995) |  |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

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|-----------------------|--|--------------------|--|
| Examiner<br>Signature |  | Date<br>Considered |  |
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PTO/SB/21 (08-03)

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|-----------------------------------------------------------------------------------------|------------------------|-----------------|
| <b>TRANSMITTAL FORM</b><br><br>(to be used for all correspondence after initial filing) | Application Number     | 10/577,274      |
|                                                                                         | Filing Date            | April 26, 2006  |
|                                                                                         | First Named Inventor   | DELATTRE, Cyril |
|                                                                                         | Art Unit               | TBA             |
|                                                                                         | Examiner Name          | TBA             |
|                                                                                         | Attorney Docket Number | 10404.041       |
| Total Number of Pages in This Submission                                                |                        |                 |

| ENCLOSURES (Check all that apply)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
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| <input type="checkbox"/> Fee Transmittal Form<br><br><input type="checkbox"/> Fee Attached<br><br><input type="checkbox"/> Amendment/Reply<br><br><input type="checkbox"/> After Final<br><br><input type="checkbox"/> Affidavits/declaration(s)<br><br><input type="checkbox"/> Extension of Time Request<br><br><input type="checkbox"/> Express Abandonment Request<br><br><input checked="" type="checkbox"/> Information Disclosure Statement<br><br><input type="checkbox"/> Certified Copy of Priority Document(s)<br><br><input type="checkbox"/> Response to Missing Parts/Incomplete Application<br><br><input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s)<br><br><input type="checkbox"/> Licensing-related Papers<br><br><input type="checkbox"/> Petition<br><br><input type="checkbox"/> Petition to Convert to a Provisional Application<br><br><input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address<br><br><input type="checkbox"/> Terminal Disclaimer<br><br><input type="checkbox"/> Request for Refund<br><br><input type="checkbox"/> CD, Number of CD(s) _____ | <input type="checkbox"/> After Allowance Communication to Group<br><br><input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences<br><br><input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)<br><br><input type="checkbox"/> Proprietary Information<br><br><input type="checkbox"/> Status Letter<br><br><input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):<br><br>● PTO/SB/08<br>● Cited References |
| <div>Remarks</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT |                                                                 |
|--------------------------------------------|-----------------------------------------------------------------|
| Firm or Individual name                    | Mark R. Kresloff; Reg No. 42,766<br>MCKENNA LONG & ALDRIDGE LLP |
| Signature                                  |                                                                 |
| Date                                       | July 25, 2006                                                   |